

Wildlife Health Necropsy Result Summary 2002

By Kerry Beheler, Barb Bodenstein, and Tara Schafer

Abstract

Wildlife biologists, managers, and conservation wardens submitted the following to the Wildlife Health Program for diagnostic necropsy in 2002.

Collection

When submitting carcasses to Wildlife Health for diagnostic necropsy, first call Kerry Beheler (608) 267-6751, Barb Walser (608) 221-5375, or Tara Schafer (608) 264-6046 to arrange for delivery to Madison. Include specimen information (who, what, when, where, how, or why) on the Diagnostic Form or Carcass Tag submitted with the body. Try to preserve body parts and tissues needed for diagnosis; for example, if brain is needed to diagnose a disease such as rabies, don't shoot the animal in the head. If you are unsure what the specific health problem is but a whole dead body is available, collect and send whole body rather than parts and pieces. Many times a disease may visually affect one part of the body but actual disease agent is found elsewhere inside the body.

Table 1. Necropsy results, 2002.

TOTAL #	SPECIES	#	DIAGNOSIS	NER	NOR	SCR	SER	WCR	Not Recorded
Birds:									
3	Common Loon	2	Trauma		2				
		1	Predator Killed		1				
2	Great Blue Heron	1	Undetermined		1				
		1	Vehicle Impact Trauma			1			
1	Great Egret	1	Undetermined		1				
100	Trumpeter Swan	2	Lead Poisoning		1			1	
		1	Internal Blood Loss					1	
		1	Drowned		1				
		1	Electrocution Trauma					1	
		1	Exposure to Newcastle Disease Virus					1	
		94	Population Health Monitoring		1			6	87
3	Tundra Swan	1	Lead Poisoning	1					
		1	Trauma					1	
		1	Emaciation					1	
53	Canada Goose	2	Bacterial Infection		1		1		
		1	Trauma	1					
		1	Lead Poisoning	1					
		1	Undetermined		1				
		48	Population Health Monitoring	23		16	9		

TOTAL #	SPECIES	#	DIAGNOSIS	NER	NOR	SCR	SER	WCR	Not Recorded
33	Mallard	12	Botulism				12		
		1	Botulism Type C	1					
		5	Trauma (Internal Blood Loss)			5			
		2	Aspiration of Food Particles			2			
		1	Lymphocytosis and Increase in Polychromatic RBCs			1			
		1	Organophosphate (Diazinon) Ingestion			1			
		1	Hepatic Steatosis			1			
		10	Undetermined				10		
13	Blue-winged Teal	10	Bacterial Infection			10			
		1	Surgery; Pooled Blood			1			
		1	Heterophilia; Coccidia Oocytes			1			
		1	Undetermined			1			
3	Coopers Hawk	1	Pesticide Exposure					1	
		1	Shooting Trauma					1	
		1	Undetermined	1					
1	Sharp-shinned Hawk	1	Undetermined		1				
4	Red-tailed Hawk	2	Organophosphate (Diazinon) ingestion			2			
		2	Undetermined	1	1				
59	Bald Eagle	15	Vehicle Impact Trauma	1	7			7	
		7	Trauma (Unknown Origin)		3	3		1	
		5	Electrocution Trauma		2			3	
		5	Lead Poisoning		3			2	
		7	Hepatopathy	1		4		2	
		4	Pesticide Exposure	1		3			
		1	Drowned					1	
		1	Internal Blood Loss		1				
		14	No Diagnostics; Unsuitable	1	3	5		4	1
3	Osprey	2	No Diagnostics		2				
		1	Suspect Mercury Poisoning					1	
1	American Kestrel	1	Undetermined			1			
1	Peregrine Falcon	1	Undetermined					1	
7	Wild Turkey	1	Vehicle Impact Trauma			1			
		2	Avian Pox			1		1	
		1	Peritonitis			1			
		1	Emaciation					1	
		2	No Diagnostics			2			

TOTAL #	SPECIES	#	DIAGNOSIS	NER	NOR	SCR	SER	WCR	Not Recorded
2	Common Tern	2	Undetermined		2				
1	Mourning Dove	1	Negative Salmonella		1				
2	Rock Dove	1	Shooting Trauma					1	
		1	Ingestion of Avicide Avitrol	1					
2	Great Horned Owl	1	Fracture, Internal Free Blood			1			
		1	Undetermined			1			
2	Evening Grosbeak	2	Salmonella Bacterial Infection	1		1			
1	Purple Finch	1	Salmonella Bacterial Infection			1			
1	House Finch	1	Negative Salmonella				1		
1	American Robin	1	Undetermined			1			
1	Pine Siskin	1	Salmonella Bacterial Infection	1					
4	American Goldfinch	2	Salmonella Bacterial Infection	1				1	
		1	Tissue Granuloma		1				
		1	Undetermined					1	
3	House Sparrow	1	Negative Salmonella				1		
		1	Undetermined				1		
		1	No Diagnostics					1	
148	2002 Shawano Lake Die-Off:	American Coot 111, Scaup 31, Ruddy Duck 1, Mallard 1, Ring-necked Duck 1, Redhead 1, Gull 1, Northern Pintail 1							
Mammals:									
1	Snowshoe Hare	1	Cestode Parasite					1	
2	Cottontail Rabbit	1	Internal Blood Loss	1					
		1	Undetermined			1			
2	Gray Squirrel	1	Nematode Parasite in Brain	1					
		1	Undetermined				1		
1	Porcupine	1	Interstitial Bronchiopneumonia					1	
1	Little Brown Bat	1	Rabies Negative			1			
1	Hoary Bat	1	Rabies Negative	1					
1	Red Fox	1	Intestines filled with Blood					1	
59	Gray Wolf	23	Vehicle Impact Trauma	5	17	1			
		14	Shot	3	8			3	
		4	Intraspecific aggression		4				
		9	Sarcoptic Mange		4			4	1
		3	Capture Related: Handling, Parvo virus, Starvation		3				
		1	Drowned		1				
		5	Undetermined		4			1	

TOTAL #	SPECIES	#	DIAGNOSIS	NER	NOR	SCR	SER	WCR	Not Recorded
3	Black Bear	1	No Diagnostics			1			
		1	Diffuse Enteritis and Multifocal Hepatitis			1			
		1	Asphyxiation due to Blood in Lungs		1				
1	Striped Skunk	1	Rabies Negative			1			
5	Raccoon	2	Trauma			2			
		1	Intestinal Disruption					1	
		1	Canine Distemper Virus			1			
		1	No Evidence of Disease	1					
96	White-tailed Deer	18	Vehicle Impact Trauma	3	3	6	1	5	
		18	Hemorrhagic Disease			18			
		8	Actinomyces Pyogenes Bacterial Infection (Cranial Abscessation Syndrome)	3		4		1	
		2	Cutaneous Fibroma		2				
		3	Liver Flukes / Parasite Infestation Internal		1	2			
		1	Peritonitis	1					
		1	Verminous Pneumonia / Lungworm Infestation					1	
		2	Suppurative Broncho-pneumonia / Lung Lesions					2	
		2	Slipper Foot		2				
		1	Sarcocyst Parasites					1	
		1	Broncho-Alveolar Carcinoma		1				
		1	Dystocia			1			
		1	Stomach Torsion					1	
		3	Lymph Node / Muscle / Subcutaneous Abscesses		1	2			
		3	Mixed Enteric Bacteria	2				1	
		3	Shooting Trauma	1		2			
		13	No Pathology Observed	1		8	1	3	
		15	Undetermined	3	6	3		3	
3	Elk	1	Internal Blood Loss		1				
		1	Vehicle Impact Trauma and Liver Flukes		1				
		1	Inanition		1				